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Mutant: Mus Musculus P38 Kinase Domain in Complex with Inhibitor PG-874743

Release Date: 11-Apr-2006 Exp. Method:

Resolution: 2.10 Å

**Characteristics**

**Classification** Transferase

**Compound**

Polymer: 1 Molecule: Mitogen-activated kinase 14 Mutation: Y182F, T180A EC

no.: 2.7.1.37

**Authors**

Walter, R.L., Mekel, M.J., Evdokimov A.G., Pokross, M.E., Brugel, T.A.



☒ 2ghm



Mutated MAP kinase P38 (Mus Musculus) in complex with Inhibitor PG-895449

Release Date: 02-May-2006 Exp. Method:

Resolution: 2.35 Å

**Characteristics**

**Classification** Transferase

**Compound**

Polymer: 1 Molecule: Mitogen-activated 14 Mutation: Y182F, T180A Chains A

no.: 2.7.1.37 EC

**Authors**

Walter, R.L., Mekel, M.J., Evdokimov A.G., Pokross, M.E., Maier, J.A.



☒ 2gim



Mutated Mouse P38 MAP Kinase Domain in complex with Inhibitor PG-892579

Release Date: 23-May-2006 Exp. Method:

Resolution: 1.90 Å

**Characteristics**











**Classification** Transferase



**Compound**

Polymer: 1 Molecule: Mitogen-activated 14 Chains A EC no.: 2.7.11.24 EC



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<b>Authors</b>	Walter, R.L., Mekel, M.J., Evdokimov, A.G., Pokross, M.E., Sabat, M.		
<input checked="" type="checkbox"/> 2gtm		<b>Molecule:</b> Mutated MAP kinase P38 (Mus musculus) in complex with inhibitor PG-951717	
	<b>Characteristics</b>	Release Date: 11-Jul-2006 Exp. Method: Resolution: 1.80 Å	
	<b>Classification</b>	Transferase	
<b>Compound</b>	Polymer: 1	Molecule: Mitogen-activated kinase 14 Chains: A	EC no.: 2.7.11.24
<b>Authors</b>	Walter, R.L., Mekel, M.J., Evdokimov, A.G., Pokross, M.E., Sabat, M.		
<input checked="" type="checkbox"/> 2h02		<b>Molecule:</b> Structural studies of protein tyrosine phosphatase beta catalytic domain in complex with inhibitors	
	<b>Characteristics</b>	Release Date: 13-Jun-2006 Exp. Method: Resolution: 2.30 Å	
	<b>Classification</b>	Hydrolase	
<b>Compound</b>	Polymer: 1	Molecule: Protein tyrosine p receptor type, B, Fragment: catalytic d residues 1662-1973 Chains: A,B	EC no.: 3.1.3.48 
<b>Authors</b>	Evdokimov, A.G., Pokross, M.E., Walter, R.L., Mekel, M., Gray, J.L., Peters, M.E., Amarasinghe, K.D., Clark, C.H.R.		
<input checked="" type="checkbox"/> 2h03		<b>Molecule:</b> Structural studies of protein tyrosine phosphatase beta catalytic domain in complex with inhibitors	
	<b>Characteristics</b>	Release Date: 13-Jun-2006 Exp. Method: Resolution: 1.65 Å	
	<b>Classification</b>	Hydrolase	
<b>Compound</b>	Polymer: 1	Molecule: Protein tyrosine p receptor type, B, Fragment: catalytic d 1970 Mutation: P1748G, C1749G Chains: A,B	EC no.: 3.1.3.48 
<b>Authors</b>	Evdokimov, A.G., Pokross, M.E., Walter, R.L., Mekel, M., Gray, J.L., Peters, M.E., Amarasinghe, K.D., Clark, C.H.R.		
<input checked="" type="checkbox"/> 2h04		<b>Molecule:</b> Structural studies of protein tyrosine phosphatase beta catalytic domain in complex with inhibitors	
	<b>Characteristics</b>	Release Date: 13-Jun-2006 Exp. Method: Resolution: 2.30 Å	
	<b>Classification</b>	Hydrolase	
<b>Compound</b>	Polymer: 1	Molecule: Protein tyrosine p receptor type, B, Fragment: catalytic d	

<b>Compound</b>	<b>residues 1662-1973</b> Chains: <b>A</b> EC no. 3.1.3.48 		
<b>Authors</b>	Evdokimov, A.G., Pokross, M.E., Walter, R.L., Mekel, M., Gray, J.L., Peters, K.G., Maier, M.B., Amarasinghe, K.D., Clark, C.M., Nichols, R.		
<input checked="" type="checkbox"/> <b>2hbt</b>		Crystal structure of HIF prolyl hydroxylase EGLN-1 in complex with a biologically active inhibitor	
	<b>Characteristics</b>	Release Date: 27-Jun-2006 Exp. Method: Resolution: 1.60 Å	
	<b>Classification</b>	Oxidoreductase	
<b>Compound</b>	Polymer: <b>1</b> Molecule: <b>Egl nine homolog</b> Fragment: <b>catalytic domain</b> Chains: <b>A</b> no.: <b>1.14.11.-</b>		
<b>Authors</b>	Evdokimov, A.G., Walter, R.L., Mekel, M., Pokross, M.E., Kawamoto, R., E		
<input checked="" type="checkbox"/> <b>2hbu</b>		Crystal structure of HIF prolyl hydroxylase EGLN-1 in complex with a biologically active inhibitor	
	<b>Characteristics</b>	Release Date: 27-Jun-2006 Exp. Method: Resolution: 1.85 Å	
	<b>Classification</b>	Oxidoreductase	
<b>Compound</b>	Polymer: <b>1</b> Molecule: <b>Egl nine homolog</b> Fragment: <b>catalytic domain</b> Chains: <b>A</b> no.: <b>1.14.11.-</b>		
<b>Authors</b>	Evdokimov, A.G., Walter, R.L., Mekel, M., Pokross, M.E., Kawamoto, R., E		
<input checked="" type="checkbox"/> <b>2hc1</b>		Engineered catalytic domain of protein tyrosine phosphatase HPTPbeta.	
	<b>Characteristics</b>	Release Date: 27-Jun-2006 Exp. Method: Resolution: 1.30 Å	
	<b>Classification</b>	Hydrolase	
<b>Compound</b>	Polymer: <b>1</b> Molecule: <b>Receptor-type tyrosine phosphatase beta</b> Fragment: <b>catalytic</b> Mutation: <b>yes</b> Chains: <b>A</b> EC no.: 3.1.3.4		
<b>Authors</b>	Evdokimov, A.G., Pokross, M., Wall, R., Mekel, M.		

